

Serial No. 09/996,718
Amdt. Dated April 12, 2005
Reply to Office Action of January 13, 2005

Docket No. P-0303

Amendments to the Drawings:

The attached drawings include changes to Figures 5 and 6A-6C. These sheets, which include Figures 5 and 6A-6C, replace the original sheets including Figures 5 and 6A-6C. Figures 5 and 6A-6C have been amended to correct typographical errors.

Attachments: Replacement Sheets (4)
Annotated Sheets Showing Changes (4)

REMARKS/ARGUMENTS

Claims 1-23 are pending in this application. By this Amendment, the Abstract, drawings, and claims 1-16 are amended, and claims 17-23 are added. The Abstract is amended for clarification purposes. No new matter is added. Support for the claims can be found throughout the specification, including the original claims and the drawings. Withdrawal of the rejections in view of the above amendments and the following remarks is respectfully requested.

The Office Action rejects claims 1-16 under 35 U.S.C. §103(a) as unpatentable over U.S. Patent No. 6,026,435 to Enomoto et al. (hereinafter "Enomoto") in view of U.S. Patent No. 6,119,160 to Zhang et al. (hereinafter "Zhang"). The rejection is respectfully traversed.

Independent claim 1 recites, *inter alia*, requesting a new authentication number from the server if the authentication number is not available, registering a user in accordance with information collected by the server, receiving a new authentication number from the server and storing the new authentication number, and providing information to the Internet TV. As acknowledged by the Examiner in the remarks regarding independent claim 1, Enomoto neither discloses nor suggests any processes which administer authentication requests with a server for transmission of information to an Internet TV. Accordingly, Enomoto neither discloses nor suggests such features. Further, Zhang fails to overcome the deficiencies of Enomoto.

Zhang discloses an Internet protocol accounting system for a computer network which allows a provider to monitor service usage based on log on/log off times, service

initiation/termination, and individual connection starts and stops. Figure 2A of Zhang shows a host computer 12 connected to a variety of private and public domains 14 and 16 through an access point 18. The access point 18 includes a Service Selection Gateway (SSG) 20 linked to an Authentication, Authorization, and Accounting (AAA) server 22.

The host 12 sends a logon request containing user identification and authentication information (S32), and the SSG 20 initiates host authentication (S34). The logon request is directed to the AAA server 22 (S36), and the access request is matched against user profiles stored in memory to verify authenticity of the host 12 (S38). The AAA server 22 sends an authentication reply to the SSG 20 (S40), and if the authentication process was successful, the SSG 20 logs the host 12 on (S42). If the authentication process was unsuccessful, then the SSG 20 sends a prompt to the host 12 which indicates a failed logon (S44). Zhang also describes a variety of accounting related features which allow the system to keep track of session time, initiations, terminations, and the like. However, Zhang does not disclose or suggest that either the SSG 20 or the AAA server 22 are able to further process a logon request once it is determined that that request has failed. More specifically, if the authentication information provided by the host 12 is incorrect or not provided/available, the logon request is simply denied. In the event of a logon failure, Zhang's system cannot proceed with collecting additional information and registering a user in order to provide new authentication information.

Accordingly, it is respectfully submitted that Zhang neither discloses nor suggests a method for accessing the Internet using an Internet TV as recited in independent claim 1, and therefore fails to overcome the deficiencies of Enomoto. Thus, it is respectfully submitted that independent claim 1 is allowable over the applied combination, and that the rejection of independent claim 1 under 35 U.S.C. §103(a) over Enomoto and Zhang should be withdrawn. Newly added claims 17-21 are allowable at least for the reasons set forth above with respect to independent claim 1, from which they depend, as well as for their added features.

Independent claim 2 recites, *inter alia*, determining if the authentication number requested by the portal server is available and transmitting the authentication number to the portal server if the requested authentication number is already available, and determining an authentication number based on additional information collected by the portal server and transmitting the authentication number to the Internet TV for storage if the authentication number is not already available. As set forth above, Enomoto neither discloses nor suggests such features. Further, as set forth above, Zhang fails to overcome the deficiencies of Enomoto. That is, Zhang's system cannot proceed with collecting additional information and providing new authentication information in the event that the authentication information is not available from the host, and thus fails to overcome the deficiencies of Enomoto.

Accordingly, it is respectfully submitted that independent claim 2 is allowable over the applied combination, and thus the rejection of independent claim 2 under 35 U.S.C. §103(a) over

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Enomoto and Zhang should be withdrawn. Dependent claims 3-6, as well as newly added claim 22, are allowable at least for the reasons set forth above with respect to independent claim 2, from which they depend, as well as for their added features.

Independent claim 7 recites, *inter alia*, wherein the authentication is established based on additional information collected by the portal server after the portal server receives the access request message if the authentication number is not provided by the Internet TV. As set forth above, Enomoto neither discloses nor suggests such features. Further, as set forth above, Zhang fails to overcome the deficiencies of Enomoto.

Accordingly, it is respectfully submitted that independent claim 7 is allowable over the applied combination, and thus the rejection of independent claim 7 under 35 U.S.C. §103(a) over Enomoto and Zhang should be withdrawn. Dependent claims 8-16, as well as newly added claim 23, are allowable at least for the reasons set forth above with respect to independent claim 7, from which they depend, as well as for their added features.

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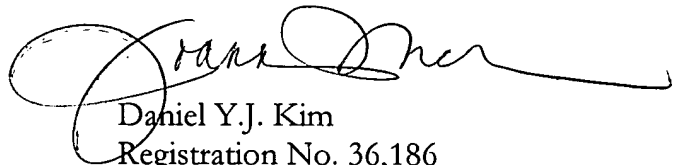
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CONCLUSION

In view of the foregoing amendments and remarks, it is respectfully submitted that the application is in condition for allowance. If the Examiner believes that any additional changes would place the application in better condition for allowance, the Examiner is invited to contact the undersigned, **Joanna K. Mason**, at the telephone number listed below. Favorable consideration and prompt allowance are earnestly solicited.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this, concurrent and future replies, including extension of time fees, to Deposit Account 16-0607 and please credit any excess fees to such deposit account.

Respectfully submitted,
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FIG. 5

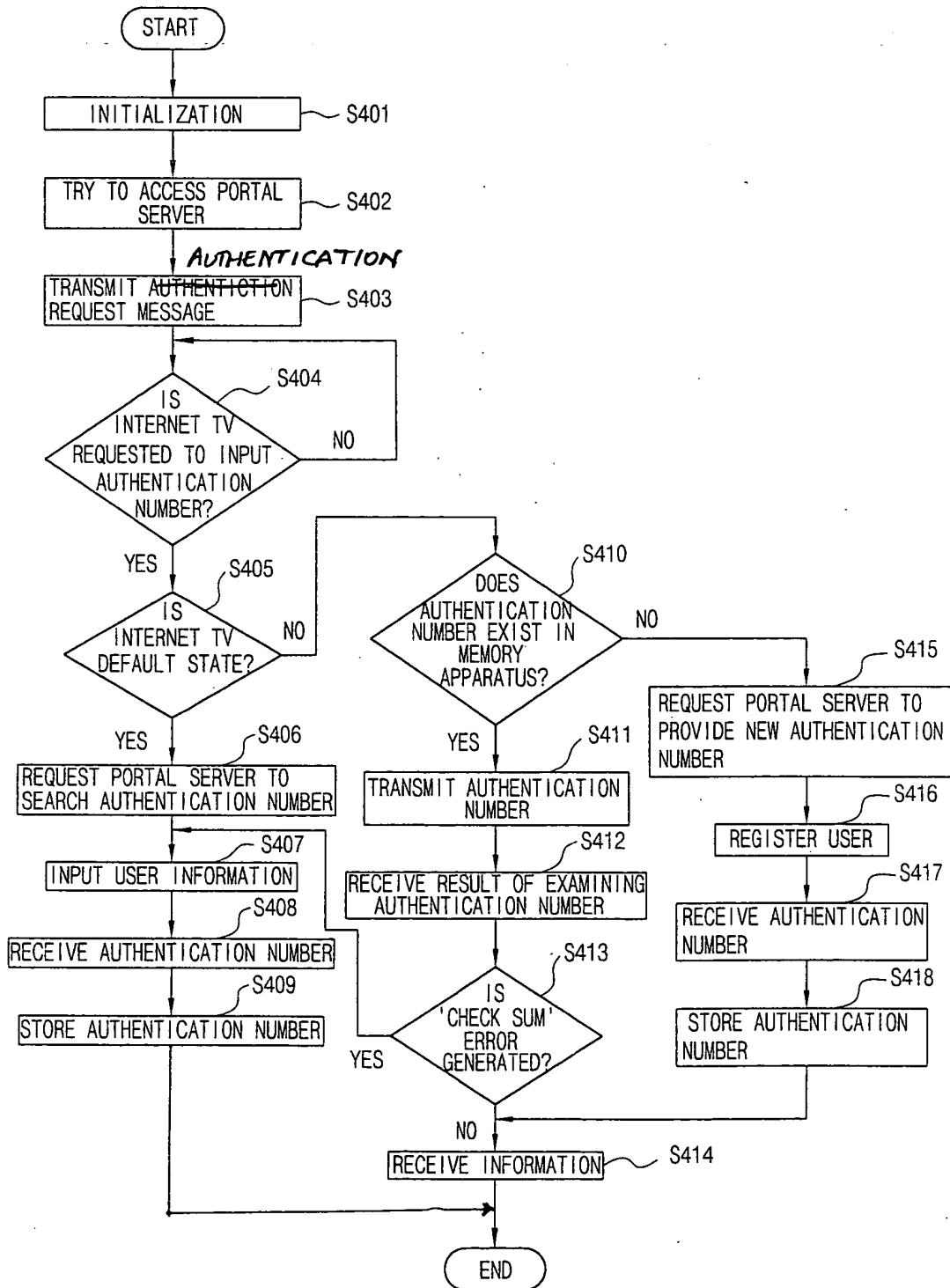
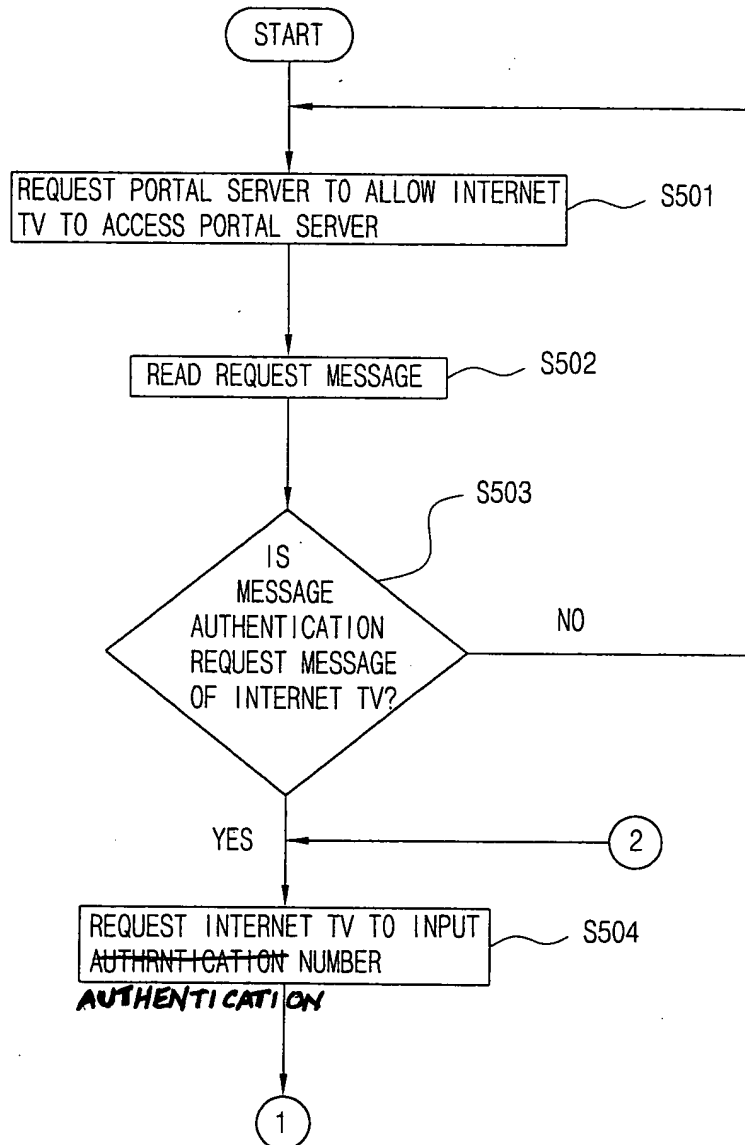




FIG. 6A



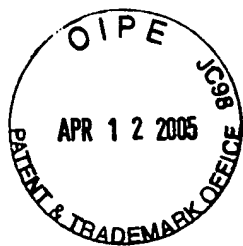
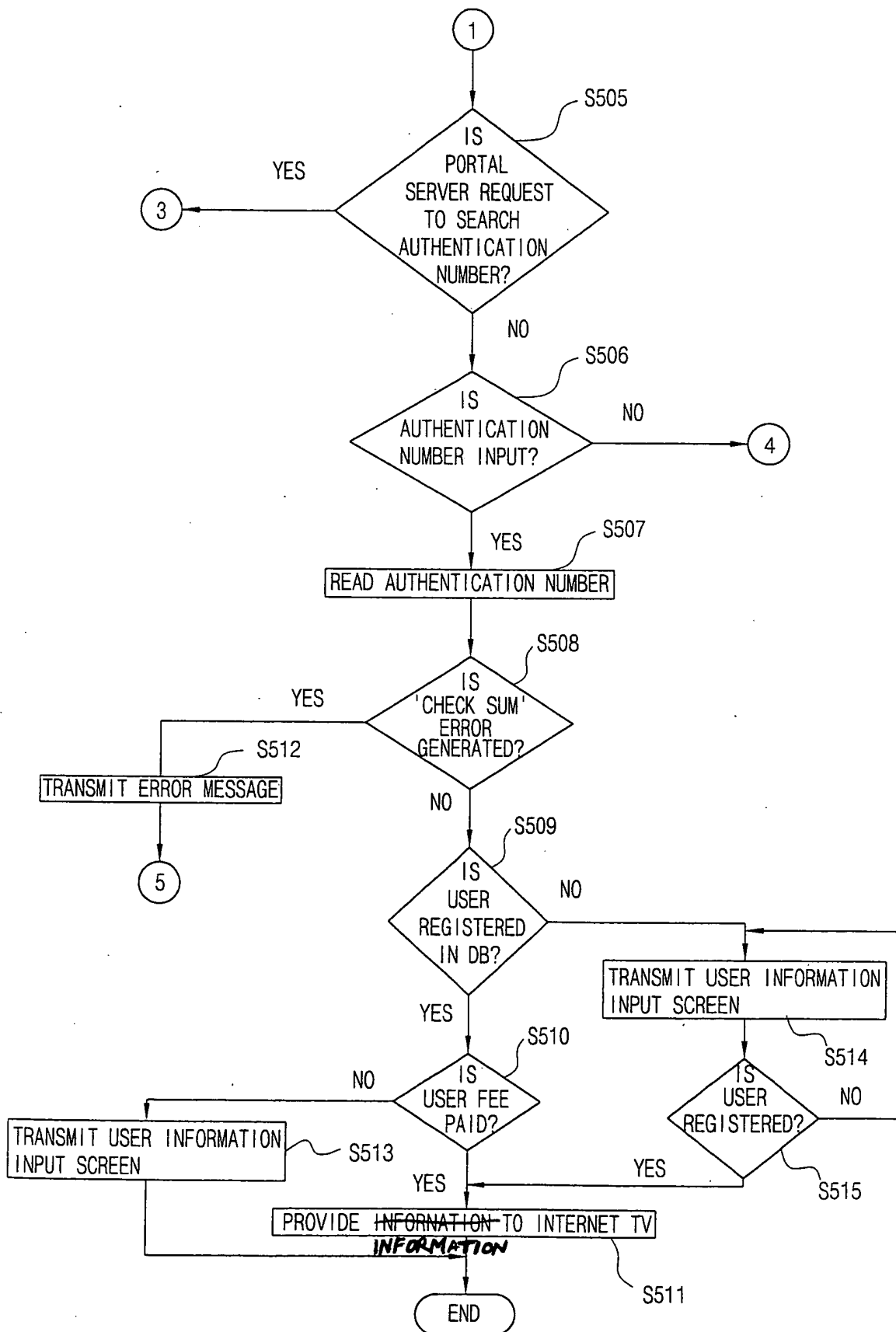


FIG. 6B



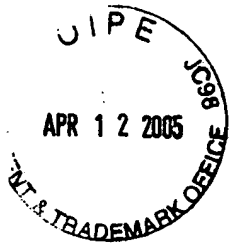


FIG. 6C

